

AZL Joint Partner Project

Composites for Energy Transition

Potentials for composite materials and
technologies in the energy transition market

AZL Aachen GmbH



Excellence in Lightweight Production

Did you know?

- Global investment in the low-carbon energy transition amounts to an estimated 100 billion US dollars.
- In addition to large industrialized countries' initiatives such as USA IRA, REPowerEU and China's 14th 5-year-plan, developing countries see benefit from investments in alternative forms of energy and decentralization trends.
- This megatrend focuses on decarbonization by renewable energies. Technological advances and falling costs have enabled renewable energy to compete with traditional fossil fuels in many parts of the world.
- Due to their outstanding properties composites are enablers for a variety of applications for conversion, transportation, storage and for more efficient use of energy.

What you will get?

Expert assessment and evaluation of potentials for composite materials and technologies in the field of energy transition.

- **WP1:** Screening of market, corresponding technologies and identification of applications for composites.
- **WP2:** Evaluation and selection of most promising applications.
- **WP3:** Business case analysis of selected applications.

Open to join

Kick-off: October 8th, 2024

Duration: approx. 10 month



**Head of Industrial Services
Philipp Fröhlig**

+49 241 475 735 - 14

+49 176 80488799

philipp.froehlig@
azl-aachen-gmbh.de



Scan it
for more info: